

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1802	(gabapentin or "1-(aminomethyl)cyclohexanecarboxylic acid" or "CI 945" or "CI-945" or "GO 3450" or "GO-3450" or "GOE 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450" or "Neurontin" or "gabapentin lactam" or "gabapentin-lactam" or "GBP-L" or "iGBP-L" or ((gabapentin with (lactam))) or "2-azaspiro[4,5]decan-3-one" or "2-aza-spiro[4,5]decan-3-one" or "2-azaspiro[4,5]decan-3-on" or "2-aza-spiro[4,5]decan-3-on" or "2-azaspiro\$decan-3-one" or "2-aza-spiro\$decan-3-one" or "2-azaspiro\$decan-3-on" or "2-aza-spiro\$decan-3-on" or "8-azaspiro[5,4]decan-9-one" or "8-aza-spiro[5,4]decan-9-on" or "8-aza-spiro[5,4]decan-9-on" or "8-azaspiro\$decan-9-one" or "8-aza-spiro\$decan-9-one" or "8-azaspiro\$decan-9-on" or "8-aza-spiro\$decan-9-on")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:41

L2	74	<p>("gabapentin lactam" or "gabapentin-lactam" or "GBP-L" or "iGBPL" or ((gabapentin) with (lactam)) or "2-azaspiro[4,5]decan-3-one" or "2-aza-spiro[4,5]decan-3-one" or "2-azaspiro[4,5]decan-3-on" or "2-aza-spiro[4,5]decan-3-on" or "2-azaspiro\$decan-3-one" or "2-aza-spiro\$decan-3-one" or "2-azaspiro\$decan-3-on" or "2-aza-spiro[5,4]decan-9-one" or "8-aza-spiro[5,4]decan-9-on" or "8-aza-spiro[5,4]decan-9-on" or "8-azaspiro\$decan-9-one" or "8-aza-spiro\$decan-9-on" or "8-aza-spiro\$decan-9-on")</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:44
L5	1408	<p>L1 AND (\$parenteral\$ or \$parenteral or parenteral\$ or inject\$ or inject or injected or injection or injectable or "hypodermic needle" or "hypodermic inject\$" or intraarterial\$ or intra-arterial\$ or intravenous\$ or intra-venous\$ or transfusion or infusion or intramuscular\$ or intra-muscular\$ or subcutaneous\$ or sub-cutaneous\$ or intracutaneous\$ or intra-cutaneous\$ or transcutaneous\$ or trans-cutaneous\$ or percutaneous\$ or per-cutaneous\$ or intradermal\$ or intra-dermal\$ or intradermic\$ or intra-dermic\$ or transdermal\$ or trans-dermal\$ or transdermic\$ or trans-dermic\$ or inhalation\$ or transmucosal or trans-mucosal\$ or sublingual\$ or epidural\$ or intrathecal\$ or intra-thecal\$ or ((inject\$ or inject or injected or injection or injectable or \$fusion) with (\$spine or \$spinal or brain)) or intraosseous\$ or intra-osseous\$)</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:48

L9	1079	L5 AND (heat or melt or antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or antiseptics\$ or anti-septics\$ or septic\$ or asepti\$ or aseptiz\$ or aseptis\$ or asepsis or antiseptis or anti-sepsis or aseptif\$ or sanitiz\$ or sanitis\$ or steril\$ or steriliz\$ or sterilis\$ or autoclav\$ or auto-clav\$ or "auto clav\$")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 14:49
L16	1004	L9 AND (purif\$ or ((remov\$) with (impurit\$)) or filter\$ or filtrat\$ or centrifug\$ or crystalliz\$ or distil\$ or "column chromatography" or "liquid chromatography" or "high performance liquid chromatography" or "high-performance liquid chromatography" or HPLC or "gas chromatography" or chromatography or decant\$ or precipitat\$ or extract\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 15:15
L17	522	L16 AND (ampoule or ampoul or ampule or ampul or ampulla or "glass vial" or "glass phial" or "glass vessel" or "glass container" or "glass bottle" or ((hermitic\$ or seal\$ or steril\$ or glass or inject\$ or needle or hypodermic) with (vial or phial or vessel or container or bottle)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 15:12

L18	20	L17 AND ((heat or melt\$ or autoclav\$ or auto-clav\$ or "auto clav\$" or temperature) SAME (antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or antisepticis\$ or anti-septicis\$ or septic\$ or aseptic\$ or asepticiz\$ or asepsis\$ or antiseptis\$ or sanitiz\$ or sanitiz\$ or anti-sepsis\$ or aseptic\$ or sanitiz\$ or steriliz\$ or sterilis\$) SAME (ampoule or ampoul or ampule or ampul or ampulla or "glass vial" or "glass phial" or "glass vessel" or "glass container" or "glass bottle" or hermitic\$ or seal\$ or glass or vial or phial or vessel or container or bottle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/04 15:16
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=> S gabapentin/CN  
L1 1 GABAPENTIN/CN

=> D L1 1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 60142-96-3. REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Cyclohexaneacetic acid, 1-(aminomethyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-(Aminomethyl)cyclohexaneacetic acid

CN CI 945

CN **Gabapentin**

CN Go 3450

CN GOE 2450

CN GOE 3450

CN Neurontin

FS 3D CONCORD

MF C9 H17 N O2

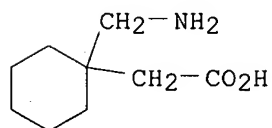
CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*,  
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,  
CHEMCATS, CHEMLIST, CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB,  
IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA,  
MEDLINE, MRCK\*, MSDS-OHS, PHAR, PROMT, PROUSDDR, PS, RTECS\*, SCISEARCH,  
SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1210 REFERENCES IN FILE CA (1907 TO DATE)

44 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1222 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> S "Gabapentin Lactam"/CN

L2 0 "GABAPENTIN LACTAM"/CN

=> S Gabapentin-Lactam/CN

L9 1 GABAPENTIN-LACTAM/CN

=> D L9 1

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 64744-50-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Azaspiro[4.5]decan-3-one (6CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

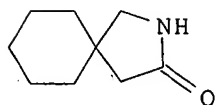
CN Gabapentin-lactam

FS 3D CONCORD

MF C9 H15 N O

LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CSCHEM, IFICDB, IFIPAT, IFIADB, PS, RTECS\*, SPECINFO, TOXCENTER, USPAT2,  
USPATFULL

(\*File contains numerically searchable property data)

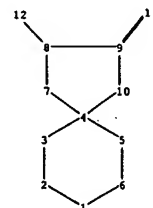
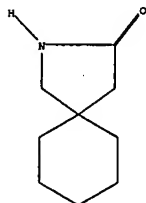


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

38 REFERENCES IN FILE CA (1907 TO DATE)

38 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)



chain nodes :

11 12

ring nodes :

1 2 3 4 5 6 7 8 9 10

chain bonds :

8-12 9-11

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 4-10 5-6 7-8 8-9 9-10

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 4-7 4-10 5-6 7-8 8-9 9-10 9-11

exact bonds :

8-12

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
10:Atom 11:CLASS 12:CLASS

=> S L9  
L11 38 L9  
=> D L11 1-38  
L11 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:58428 CAPLUS  
DN 143:78483  
TI Process for the preparation of gabapentin  
IN Gopal, Damodaragounder  
SO USA  
PA U.S. Pat. Appl. Publ., 6 pp.  
DT Patent  
LA English  
FAN CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
PI US 2005148792 A1 20050707 US 2004-749199 20040102  
PRAI US 2004-749199 20040102  
OS MARPAT 143:78483  
L11 ANSWER 2 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:40256 CAPLUS  
DN 142:457037  
TI 2-Pyridolthione derivatives and their use in protecting mammalian cells  
IN Agastin, Thomas; Foerstermann, Ulrich; Li, Huige  
PA Universitaetsklinikum Freiburg, Germany; Johannes-Gutenberg-Universitaet  
Mainz  
SO Eur. Pat. Appl., 15 pp.  
DT Patent  
LA English  
FAN CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
PI EP 1529528 A1 20050511 EP 2003-25690 20031107  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
PRAI EP 2003-25690 20031107  
OS MARPAT 142:457037  
RE CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT  
L11 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:207867 CAPLUS  
DN 142:246293  
TI A process for the preparation of substantially pure gabapentin  
IN Rajamannar, Thennatt; Rajeev, Rehani  
PA Sun Pharmaceutical Industries Ltd., India  
SO Indian, 16 pp.  
DT Patent  
LA English  
FAN CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
PI IN 188097 A 20020817 IN 2000-M062 20000120  
IN 191332 A 20031122 IN 2001-M0863 20010910  
PRAI IN 2000-M062 A 20000120  
L11 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:15946 CAPLUS

DN 142:100432  
TI Process for producing injectable gabapentin compositions  
IN Hildebrand, Keith R.; Page, Linda M.; Lane, Deanna S.; Elsberry, Dennis  
D.; Claranan, David A.; Ratnayake, Jayantha H.  
PA Medtronic, Inc., USA  
SO U.S. Pat. Appl. Publ., 9 pp., Cont.-in-part of U.S. Ser. No. 611,459.  
DT Patent  
LA English  
FAN CNT 4  
PATENT NO. KIND DATE APPLICATION NO. DATE  
PI US 2005004220 A1 20050106 US 2004-808113 20040324  
US 2004062819 A1 20040401 US 2003-611459 20030701  
US 2005090548 A1 20050428 US 2004-807827 20040324  
US 2005090549 A1 20050428 US 2004-807828 20040324  
WO 2005041947 A1 20050512 WO 2004-US34676 20041021  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BE, CA, CH,  
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GR,  
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SN, TD, TG  
WO 2005042072 A1 20050512 WO 2004-US34779 20041021  
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SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, GM, ML, MR, NE,  
SN, TD, TG  
WO 2005044252 A1 20050519 WO 2004-US34689 20041021  
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SN, TD, TG



SI, SK, TR, BF, BJ, CF, CG, CI, CH, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AN 2004:453184 CAPLUS  
 DN 141:7020  
 TI An improved process for the preparation of gabapentin by Hofmann reaction in the presence of bromine and alkali or alkaline hydroxides  
 IN Kuppaswamy, Nagarajan; Harinaran, Sivaramakrishnan; Mariadas, Arulselvan  
 SO PCT Int. Appl., 20 pp.  
 DT Patent  
 LA English  
 FAN.CNT 1

PI WO 2004/06108 A1 20040603 WO 2002-IN225 20021120  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MX, MY, NZ, NO, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
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 CA 2506564 AA 20040603 CA 2002-2506564 20021120  
 PRAI WO 2002-IN225 W 20021120  
 OS CASREACT 141:7020

L11 ANSWER 9 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:453164 CAPLUS  
 DN 140:423950  
 TI Process for the preparation of (aminomethyl)cyclohexanecarboxylic acids  
 IN Kuppaswamy, Nagarajan; Harinaran, Sivaramakrishnan; Mariadas, Arulselvan  
 SO PCT Int. Appl., 31 pp.  
 DT Patent  
 LA English  
 FAN.CNT 1

PI WO 2004/06085 A1 20040603 WO 2002-IN224 20021120  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MX, MY, NZ, NO, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RM: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG  
 CA 2506563 AA 20040603 CA 2002-2506563 20021120  
 PRAI WO 2002-IN224 W 20021120  
 OS CASREACT 140:423950; MARPAT 140:423950

L11 ANSWER 10 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:328189 CAPLUS  
 DN 140:368050  
 TI Determination of gabapentin-lactam in serum of patients under gabapentin therapy  
 IN Kneele, Rainer; Feuerstein, Thomas J.; Schulze-Bonhage, Andreas  
 CS IBM - Institut fuer Biochemische Analysen und Methodentwicklung GBR, Freiburg/Breisg, Germany

SI, SK, TR, BF, BJ, CF, CG, CI, CH, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AN 2003:611459 A2 20030701  
 DN 2003:513681P P 20031023  
 TI Gabapentin-lactam, but not gabapentin, reduces protein aggregates and improves motor performance in a transgenic mouse model of Huntington's disease  
 IN Zuecker, Birgit; Lüdén, Dagmar E.; Gerds, Thomas A.; Luecking, Carl H.; Landwehrmeyer, G. Bernhard; Feuerstein, Thomas J.  
 CS Department of Neurology, University Hospital Freiburg, Freiburg, 79106, Germany  
 SO Naunyn-Schmiedeberg's Archives of Pharmacology (2004), 370(2), 131-139  
 CODEN: NSAPPC; ISSN: 0028-1298  
 PE Springer GmbH  
 DT Journal  
 LA English  
 RE.CNT 34

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:878849 CAPLUS  
 DN 141:343379  
 TI Gabapentin-lactam, but not gabapentin, reduces protein aggregates and improves motor performance in a transgenic mouse model of Huntington's disease

L11 ANSWER 6 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:832438 CAPLUS  
 DN 141:297645  
 TI A process for the isolation of pure L-(aminomethyl)cyclohexanecarboxylic acid from an aqueous solution of its acid addition salt by neutralization with base  
 IN Gurunath, Geonkar Subhash; Rajamannar, Thennati; Shrivastava, Ratnesh  
 SO Indian, 10 pp.  
 CODEN: INXXAP  
 DT Patent  
 LA English  
 FAN.CNT 1

PI IN 186285 A 20010728 IN 2000-M076 20000124  
 PRAI IN 2000-M076 20000124

L11 ANSWER 7 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:707309 CAPLUS  
 DN 141:379793  
 TI Dendritic polyglycerol as a high-loading support for parallel multistep synthesis of GABA lactam analogues  
 AU Röllner, Sebastian; Siewers, Conrad; Haag, Rainer  
 SO Organische Chemie, Universität Dortmund, Dortmund, D-44227, Germany  
 CODEN: TETRAB; ISSN: 0040-4020  
 PE Elsevier B.V.  
 DT Journal  
 LA English  
 RE.CNT 50

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 8 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

SI, SK, TR, BF, BJ, CF, CG, CI, CH, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AN 2004:453184 CAPLUS  
 DN 141:7020  
 TI An improved process for the preparation of gabapentin by Hofmann reaction in the presence of bromine and alkali or alkaline hydroxides  
 IN Kuppaswamy, Nagarajan; Harinaran, Sivaramakrishnan; Mariadas, Arulselvan  
 SO PCT Int. Appl., 20 pp.  
 DT Patent  
 LA English  
 FAN.CNT 1

PI WO 2004/06108 A1 20040603 WO 2002-IN225 20021120  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MX, MY, NZ, NO, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RM: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG  
 CA 2506564 AA 20040603 CA 2002-2506564 20021120  
 PRAI WO 2002-IN225 W 20021120  
 OS CASREACT 141:7020

L11 ANSWER 9 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:453164 CAPLUS  
 DN 140:423950  
 TI Process for the preparation of (aminomethyl)cyclohexanecarboxylic acids  
 IN Kuppaswamy, Nagarajan; Harinaran, Sivaramakrishnan; Mariadas, Arulselvan  
 SO PCT Int. Appl., 31 pp.  
 DT Patent  
 LA English  
 FAN.CNT 1

PI WO 2004/06085 A1 20040603 WO 2002-IN224 20021120  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MX, MY, NZ, NO, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RM: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG  
 CA 2506563 AA 20040603 CA 2002-2506563 20021120  
 PRAI WO 2002-IN224 W 20021120  
 OS CASREACT 140:423950; MARPAT 140:423950

L11 ANSWER 10 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:328189 CAPLUS  
 DN 140:368050  
 TI Determination of gabapentin-lactam in serum of patients under gabapentin therapy  
 IN Kneele, Rainer; Feuerstein, Thomas J.; Schulze-Bonhage, Andreas  
 CS IBM - Institut fuer Biochemische Analysen und Methodentwicklung GBR, Freiburg/Breisg, Germany

SO Arzneimittel Forschung (2004), 54(3), 139-142  
 CODEN: ARZNRD; ISSN: 0004-4172  
 PB Editio Cantor Verlag  
 DT Journal  
 LA English  
 RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 11 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:265299 CAPLUS  
 DN 141:343252  
 TI Retinal ganglion cell survival is enhanced by gabapentin-lactam in vitro: evidence for involvement of mitochondrial KATP channels  
 AU Pielen, Amelie; Kirsch, Matthias; Hofmann, Hans-Dietrich; Feuerstein, Thomas J.; Lagreze, Wolf A.  
 CS Department of Neuroophthalmology, Albert-Ludwig University of Freiburg, Freiburg, 79106, Germany  
 SO Graefes Archive for Clinical and Experimental Ophthalmology (2004), 242(3), 240-244  
 CODEN: GACODL; ISSN: 0721-832X  
 PB Springer-Verlag  
 DT Journal  
 LA English  
 RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 12 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2003:940118 CAPLUS  
 DN 140:287671  
 TI Stereochemistry of gabapentin and several derivatives: solid state conformation and solution equilibria  
 AU Ananda, K.; Aravinda, S.; Vasudev, Prema G.; Raja, K. Munuga Poopathi; Sivasankarishnan, H.; Nagarajan, K.; Shamala, N.; Balaram, P.  
 CS Molecular Biophysics Unit, Indian Institute of Science, Bangalore, 560 012, India  
 SO Current Science (2003), 85(7), 1002-1011  
 CODEN: CUSCAN; ISSN: 0011-3891  
 PB Current Science Association  
 DT Journal  
 LA English  
 RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 13 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2003:900395 CAPLUS  
 DN 140:146426  
 TI Hydroxy-de-halogenation and consecutive deprotection of chlorinated N-amido-pyrrolidin-2-ones with Raney-Ni: an effective approach to gabapentin  
 AU Gagnoli, Rita; Ghelfi, Franco; Pagnoni, Ugo M.; Parsons, Andrew F.; Schenetti, Luisa  
 CS Dipartimento di Chimica, Università degli Studi di Modena e Reggio Emilia, Modena, I-41100, Italy  
 SO Tetrahedron (2003), 59(50), 9951-9960  
 CODEN: TETRAH; ISSN: 0040-4020  
 PB Elsevier Science B.V.  
 DT Journal  
 LA English  
 RE.CNT 82 THERE ARE 82 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:719449 CAPLUS  
 DN 139:245892  
 TI Preparation of 2-azapirrolid-6[undecane-3--thione and related compounds for the treatment of pain  
 AU Heese, Claus; Selve, Norma; Schmidt, Dirk  
 SO Schwarz Pharma AG, Germany  
 PCT Int. Appl., 41 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 RE.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003074486	A1	20030912	WO 2003-EP1986	20030227
W: AG, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RM: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BI, CF, CG, CI, CH, GM, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10210190	A1	20030925	DE 2002-10210190	20030307
CA 2477124	AA	20030912	CA 2003-2477124	20030227
EP 1485352	A1	20041215	EP 2003-743342	20030227
EP 1485352	B1	20050629		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003007922	A	20041221	BR 2003-7922	20030227
EP 1520854	A2	20050406	EP 2004-29311	20030227
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
AT 298745	E	20050715	AT 2003-743342	20030227
JP 2005526745	T2	20050308	JP 2003-572956	20030227
PRAI DE 2002-10210190	A	20020307		
EP 2003-743342	A3	20030227		
WO 2003-EP1986	W	20030227		
OS MARPAT 139:245892				
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

producing  $\gamma$ -amino acids  
IN Przeworsky, Michael Thomas; Puetz, Claudia  
PA Gruenthal GmbH, Germany  
SO PCT Int. Appl., 24 pp.  
CODEN: PIXXD2

DT Patent  
LA German  
FRN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003062185	A1	20030731	WO 2003-EP213	20030111
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GR, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RM: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, ND, NG, NI, NE, NL, NO, NZ, OM, OS, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
DE 10203122	A1	20030731	DE 2002-10203122	20020125
EP 1472210	A1	20041103	EP 2003-704380	20030111
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AT, TR, BG, CZ, EE, HU, SK, PT, A				
US 2005043565	A1	20050224	US 2004-894389	20040719
PRAT DE 2002-10203122	A	20020125		
WO 2003-EP213	W	20030111		
OS CASREACT 139:149347; MARPAT 139:149347				
RE.CNT 5				

ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 17 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:113400  
DN 138:153247  
TI Hydrolysis process for the production of 1-(aminomethyl)cyclohexylacetic acid in pure form from 2-azaspiro[4.5]decane-3-one  
IN Peverall, Diego; Fornaroli, Mirco; Velardi, Francesco  
PA Procos S.p.A., Italy  
SO U.S., 5 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FRN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6518456	B1	20030211	US 2002-170629	20020614
NI 1021767	C1	20030624	NL 2002-102167	20021029
PRAT IT 2001-MI2750	A	20011221		
OS CASREACT 138:153247				
RE.CNT 12				

ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 18 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:22356  
DN 138:73534  
TI Process for the preparation of 1-(aminomethyl)-1-cyclohexanecarboxylic acid  
IN Velardi, Francesco; Fornaroli, Mirco  
PA Procos S.p.A., Italy  
SO U.S. Pat. Appl. Publ., 5 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FRN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 200309055	A1	20030109	US 2002-156059	20020529
US 6521788	B2	20030218		
PRAT IT 2001-MI1132	A	20010529		

111 ANSWER 19 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2002:889559  
DN 137:363097  
TI 2-Pyridinolone derivatives substituted at position 4 for reducing the extracellular glutamate level and treating polyglutamine disorders  
IN Feuerstein, Thomas J.; Knoerle, Rainer  
PA Germany  
SO U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U.S. 6,384,069.  
CODEN: USXXCO  
DT Patent  
LA English  
FRN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2002173537	A1	20021121	US 2002-108879	20020329
US 6384069	B1	20020507	US 2000-554587	20000712
US 200528035	A1	20051013	US 2005-140737	20050601
PRAT US 2000-554587	A2	20000712		
DE 1997-19751062	A	19971118		
WO 1998-EP7383	W	19981117		
US 2002-108879	A3	20020329		
MARPAT 137:363097				
OS				

111 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2002:603339  
DN 138:180523  
TI Preferential action of gabapentin and pregabalin at P/Q-type voltage-sensitive calcium channels: Inhibition of K<sup>+</sup>-evoked [3H]-norepinephrine release from rat neocortical slices  
AU Dooley, David J.; Donovan, Cindy M.; Weder, Wolfgang F.; Whetzel, Steven Z.  
CS Department of CNS Pharmacology, Pfizer Global Research and Development, Ann Arbor, MI, 48105, USA  
SO Synapse (New York, NY, United States) (2002), 45(3), 171-190  
CODEN: SYNACT; ISSN: 0887-4476  
PB Wiley-Liss, Inc.  
DT Journal  
LA English  
RE.CNT 43

ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2002:71400  
DN 137:134908  
TI The neuroprotective properties of gabapentin-lactam  
AU Lagreze, Wolf A.; Muller-Velten, Rike; Feuerstein, Thomas J.  
CS Department of Ophthalmology, Albert-Ludwigs University of Freiburg, Freiburg, 79102, Germany  
SO Graefes Archive for Clinical and Experimental Ophthalmology (2001), 239(11), 845-849  
CODEN: GACODL; ISSN: 0721-832X  
PB Springer-Verlag  
DT Journal  
LA English  
RE.CNT 31

ALL CITATIONS AVAILABLE IN THE RE FORMAT

111 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:330417 CAPLUS  
 DN 134:361301  
 TI The effect of gabapentin and gabapentin-lactam on retinal ganglion cell survival in an animal model in acute retina ischemia  
 AU Jähle, T.; Feuerstein, T. J.; Lagreze, W. A.  
 CS Klin. Neuropharmacol., 2001, 24(3), 237-241  
 SO Ophthalmologie (2001), 98(3), 237-241  
 CODEN: OPHM; ISSN: 0941-293X  
 PB Springer-Verlag  
 DT Journal  
 LA German  
 RE.CNT 24  
 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LI1 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2000:552622 CAPLUS  
 DN 133:187866  
 TI Gabapentin-lactam (8-aza-spiro[5,4]decan-9-on; GBP-L) inhibits oxygen glucose deprivation-induced [3H]glutamate release and is a neuroprotective agent in a model of acute retinal ischemia  
 AU Jähle, Thomas; Lagreze, Wolf A.; Blaich, Eckard; Knörle, Rainer; Schürle, Peter; Lucking, Carl Hermann; Feuerstein, Thomas J.  
 CS Sektion Klinische Neuropharmacologie der Neurologischen Universitätsklinik, Neurozentrum Freiburg, D-79106, Germany  
 SO Naunyn-Schmiedeberg's Archives of Pharmacology (2000), 362(1), 74-81  
 CODEN: NSAPPC; ISSN: 0028-1298  
 PB Springer-Verlag  
 DT Journal  
 LA English  
 RE.CNT 58  
 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LI1 ANSWER 24 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2000:192914 CAPLUS  
 DN 132:274252  
 TI Gabapentin-lactam, a close analogue of the anticonvulsant gabapentin, exerts convulsant activity in amygdala kindled rats  
 AU Potchika, Heidrun; Feuerstein, Thomas J.; Loscher, Wolfgang  
 CS Department of Pharmacology, Toxicology and Pharmacy, School of Veterinary Medicine, Hannover, D-30559, Germany  
 SO Naunyn-Schmiedeberg's Archives of Pharmacology (2000), 361(2), 200-205  
 CODEN: NSAPPC; ISSN: 0028-1298  
 PB Springer-Verlag  
 DT Journal  
 LA English  
 RE.CNT 34  
 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LI1 ANSWER 25 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1999:350647 CAPLUS  
 DN 130:347427  
 TI 4-Substituted 2-pyrrolidinone derivatives to reduce the level of extracellular glutamate  
 AU Feuerstein, Thomas J.; Knörle, Rainer  
 CS Klinikum der Albert-Ludwigs-Universität Freiburg, Germany  
 SO PCT Int. Appl., 27 pp.  
 CODEN: FIKX2  
 DT Patent  
 LA German  
 FM.CNT 2  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
 WO 9925683 A1 19990527 WO 1998-EP7383 19981117  
 W: CA, CN, JP, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
 DE 19751062 A1 19990708 DE 1997-19751062 19971118  
 CA 2310319 A1 19990527 CA 1998-2310319 19981117  
 EP 1032560 A1 20000906 EP 1998-963476 19981117  
 EP 1032560 B1 20041229  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI  
 JP 2001523659 T2 20011127 JP 2000-521067 19981117  
 EP 1486487 A1 20041215 EP 2004-22320 19981117  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY  
 AT 285768 E 20050115 AT 1998-963476 19981117  
 PT 1032560 T 20050429 PT 1998-963476 19981117  
 ES 2232976 T3 20050601 ES 1998-963476 19981117  
 US 6384069 B1 20020507 US 2000-554587 20000712  
 US 2005228035 A1 20051013 US 2005-140737 20050601  
 PRA1 DE 1997-19751062 A 19971118  
 EP 1998-963476 A3 19981117  
 WO 1998-963476 W 19981117  
 US 2000-554587 A2 20000712  
 US 2002-108879 A3 20020329  
 OS MARPAT 130:347427  
 RE.CNT 9  
 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LI1 ANSWER 26 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1999:216888 CAPLUS  
 DN 130:223583  
 TI Novel stereoselective processes for the preparation of gabapentin analogs  
 IN Bryans, Justin Stephen; Morrell, Andrew Ian  
 PA Warner-Lambert Company, USA  
 SO PCT Int. Appl., 23 pp.  
 CODEN: FIKX2  
 DT Patent  
 LA English  
 FM.CNT 1  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
 WO 9914184 A1 19990325 WO 1998-UE652 19980811  
 W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KC, KZ, MD, RU, TJ, TM  
 RW: CH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 CA 2295993 A 19990325 CA 1998-2295993 19980811  
 CA 2295993 C 20040504  
 AU 9887791 A1 19990405 AU 1998-87791 19980811  
 AU 752444 B2 20000919  
 EP 1015415 A1 20000705 EP 1998-939340 19980811  
 EP 1015415 B1 20030507  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO  
 BR 9812351 A 20000919 BR 1998-12351 19980811  
 JP 2001516738 T2 20011002 JP 2000-511737 19980811  
 NZ 502786 A 20020531 NZ 1998-502786 19980811  
 AT 239695 E 20030515 AT 1998-939340 19980811  
 PT 1015415 T 20030930 PT 1998-939340 19980811  
 ES 2197493 T3 20040101 ES 1998-939340 19980811  
 ZA 9808508 A 19990330 ZA 1998-8508 19980811  
 US 6465689 A 20021015 US 1998-445633 19991208  
 MX 200000063 A 20000831 MX 2000-63 20000103

NO 2000001404 A 20000317 NO 2000-1404 20000317  
PRAI US 1997-59204P P 19970918  
MO 1998-US16652 W 19980811  
OS CASREACT 130:223583  
RE. CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 27 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1994:508049 CAPLUS  
DN 121:108049  
TI Preparation of 1-(aminomethyl)cycloalkaneacetic acids.  
IN Jennings, Rex A.; Johnson, Don R.; Seaman, Ronald E.; Zeller, James R.  
SO Warner-Lambert Co., USA  
U.S., 11 pp. Cont.-in-part of U.S. Ser. No 846,509  
CODEN: USXXAM  
DT Patent  
LA English  
FAN CNT 2  
PATENT NO. KIND DATE APPLICATION NO. DATE  
PI US 5319135 A 19940607 US 1993-72212 19930604  
US 5132451 A 19920721 US 1990-564623 19900810  
ZA 9006766 A 19920429 ZA 1990-6766 19900824  
KR 169475 B1 19990320 KR 1990-13103 19900824  
US 5693845 A 19971202 US 1992-846509 19920306  
US 5362883 A 19941108 US 1984-208771 19940308  
FI 9502034 A 19950428 FI 1993-2034 19950428  
FI 107915 B1 20011031 19951205  
A 19951205  
NO 180296 A 19961216 19951205  
NO 180296 C 19970326 19951205  
NO 9504930 A 19951205 NO 1995-4930 19951205  
NO 180298 B 19961216  
NO 180298 C 19970326  
NO 9504931 A 19951205 NO 1995-4931 19951205  
NO 180299 B 19961216  
NO 180299 C 19970326  
NO 9504932 A 19951205 NO 1995-4932 19951205  
NO 180301 B 19970326  
PRAI US 1989-399056 C 19970326  
US 1990-564623 A3 19900810  
US 1992-846509 A2 19920306  
FI 1990-4164 A 19900822  
A 19900824  
US 1993-72212 A3 19930604  
OS CASREACT 121:108049; MARPAT 121:108049

TI Preparation of cyclic amino acid derivatives  
IN Steiner, Klaus; Herrmann, Wolfgang; Crone, Guenter; Combs, Charles  
SO Goedecke A.-G., Germany  
EUR. Pat. Appl., 9 pp.  
CODEN: EPXXDM  
DT Patent  
LA German  
FAN CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
PI EP 414275 A2 19910227 EP 1990-116293 19900824  
EP 414275 A3 19910515  
EP 414275 B1 19931208  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE  
DE 3928184 A1 19910228 DE 1989-3928184 19900825  
US 5068413 A 19911126 US 1990-570493 19900821  
KR 179657 B1 19990515 KR 1990-12974 19900822  
IL 95480 A1 19950629 IL 1990-95480 19900823  
HU 54624 A2 19910328 HU 1990-5333 19900824  
HU 208521 B 19931129  
JP 03090054 A2 19910416 JP 1990-221423 19900824  
JP 2839344 B2 19981216  
AT 98219 E 19931215  
ES 2059938 T3 19941116 AT 1990-116293 19900824  
FI 103506 B1 19990715 ES 1990-116293 19900824  
KR 179946 B1 19990515 FI 1990-4204 19900824  
KR 192007 B1 19990615 KR 1998-32195 19980807  
PRAI DE 1989-3928184 A 19900825  
KR 1990-12974 A 19900822  
EP 1990-116293 A 19900824  
OS CASREACT 115:50299; MARPAT 115:50299

L11 ANSWER 30 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1991:429916 CAPLUS  
DN 115:29916  
TI Preparation of lactam-free 1-aminomethyl-1-carboxymethylcycloalkanes and  
drug compositions containing them  
IN Augart, Helmut; Gebhardt, Uwe; Herrmann, Wolfgang  
SO Goedecke A.-G., Germany  
EUR. Pat. Appl., 8 pp.  
CODEN: EPXXDM  
DT Patent  
LA German  
FAN CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
PI EP 414263 A2 19910227 EP 1990-116265 19900824  
EP 414263 A3 19910605  
EP 414263 B1 19941026  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE  
DE 3928183 A1 19910228 DE 1989-3928183 19900825  
JP 3148223 A2 19910416  
ES 2065219 B2 20010319  
US 6054482 T3 19950101 ES 1990-116265 19900824  
BR 2000002663 A 20000425 US 1995-37618 19950125  
JP 2001058916 A2 20010306 BR 2000-2663 20000710  
PRAI DE 1989-3928183 A 19990825  
US 1990-570500 A1 19900821  
JP 1990-221422 B1 19900821  
US 1992-865123 A3 19920408  
US 1993-20270 B1 19930218  
JP 2000-270023 A 20000824

OS MARPAT 115:29916

L11 ANSWER 31 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:229385 CAPLUS

DN 114:229385

TI Process for the preparation of 1-aminomethyl-1-cyclohexanecarboxylic acid (gabapentin)

IN Geibel, Wolfram; Hartenstein, Johannes; Herrmann, Wolfgang; Wiltke, Joachim

PA Goedecke A.-G., Germany

SO Eur. Pat. Appl., 12 pp.

DT Patent

LA German

FRAN CNT 1 -

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 414274	A2	19910227	EP 1990-116292	19900824
EP 414274	A3	19910515		
EP 414274	B1	19930623		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 3928182	A1	19910228	DE 1989-3928182	19900825
US 5091567	A	19920225	US 1990-570487	19900821
IL 95479	A1	19960912	IL 1990-95479	19900823
HU 54623	A2	19910328	HU 1990-5332	19900824
HU 207284	B	19930329		
JP 0318355	A2	19910520	JP 1990-221421	19900824
JP 2846084	B2	19900113		
AT 90936	E	19930715	AT 1990-116292	19900824
ES 2058707	T3	19941101	ES 1990-116292	19900824
FI 103040	B1	19990415	FI 1990-4203	19900824
FRAT DE 1989-3928182	A	19890825		
EP 1990-116292	A	19900824		
OS CASREACT 114:229385				

L11 ANSWER 32 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1981:174460 CAPLUS

DN 94:174460

TI 1-Aminomethyl-1-cycloalkane acetic acid

IN Hartenstein, Johannes; Satzinger, Gerhard

PA Warner-Lambert Co., USA

SO Can., 15 pp.

CODEN: CAXXA4

DT Patent

LA English

FRAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CA 1085420	A1	19800909	CA 1977-274702	19770324
FRAT CA 1977-274702	A	19770324		

PI US 4152326

DE 2611690

DE 2611690

FRAT DE 1976-2611690

A

A1

C2

A

19790501

19770922

19920116

19760319

US 1977-775336

DE 1976-2611690

L11 ANSWER 34 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1978:136202 CAPLUS

DN 88:136202

TI Cyclic amino acid derivatives

IN Hartenstein, Johannes; Satzinger, Gerhard; Herrmann, Manfred

PA Goedecke A.-G., Fed. Rep. Ger.

SO Ger. Offen., 26 pp.

CODEN: GWXBX

DT Patent

LA German

FRAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 2626467	A1	19771229	DE 1976-2626467	19760612
DE 2626467	C2	19841122		
JP 52153946	A2	19771221	JP 1977-68742	19770610
JP 5603385	B4	19810803		
AU 7726024	A1	19781214	AU 1977-26024	19770610
AU 508829	B2	19800313		
CA 1094097	A1	19810120	CA 1977-280334	19770610
FRAT DE 1976-2626467	A	19760612		

L11 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1977:600899 CAPLUS

DN 87:200899

TI Cyclic sulfonyloxymides

IN Hartenstein, Johannes; Satzinger, Gerhard

PA Goedecke A.-G., Fed. Rep. Ger.

SO Ger. Offen., 19 pp.

CODEN: GWXBX

DT Patent

LA German

FRAN CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 2611690	A1	19770922	DE 1976-2611690	19760319
DE 2611690	C2	19920116		
US 4152326	A	19790501	US 1977-775336	19770307
GB 1575709	A	19800824	GB 1977-11097	19770316
BE 852591	A1	19770919	BE 1977-45936	19770317
SE 7703018	A	19770920	SE 1977-3018	19770317
SE 442013	B	19851125		
FR 2344540	C	19860306	FR 1977-7961	19770317
FR 2344540	A1	19771014		
DK 7701200	B1	19810227	DK 1977-1200	19770318
DK 156826	A	19791009		
DK 156826	B	19891009		
DK 156826	C	19900312		
NL 7703014	A	19770922	NL 1977-3014	19770318
NL 186634	B	19900816		
JP 52113977	C	19910116	JP 1977-29345	19770318
AU 7723414	A2	19770924	AU 1977-23414	19770318
AU 513892	B2	19810115		
CH 635066	A	19830315	CH 1977-3437	19770318
ES 457050	A1	19780816	ES 1977-457050	19770321
DK 8200872	A	19820226	DK 1982-872	19820226
DK 156770	B	19891002		
DK 156770	C	19900319		

SE 8205469 A 19820924 SE 1982-5469 19820924  
SE 454273 B 19880418  
SE 454273 C 19880728  
DK 8802146 A 19880420 DK 1988-2146 19880420  
DK 159680 B 19901119  
DK 159680 C 19910422  
PRAI DE 1976-2611690 A 19760319  
DK 1977-1200 A 19770318

L11 ANSWER 36 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1977:51774 CAPLUS  
DN 87:11774  
TI N-Substituted spirolactams  
IN Hartenstein, Johannes; Satzinger, Gerhard; Hermann, Manfred; Heldt, Wolfgang  
PA Goedecke A.-G., Fed. Rep. Ger.  
SO Ger. Offen., 23 pp.  
CODEN: GWMXXE  
DT Patent  
LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2557220	A1	1970623	DE 1975-2557220	19751219
DE 2557220	C2	19880901		
GB 1563232	A	19800326	GB 1976-51658	19761210
CA 1064941	A1	19791023	CA 1976-267999	19761216
BE 849587	A1	19790617	BE 1976-6045797	19761217
NL 7614093	A	19770621	NL 1976-14093	19761217
FR 2335213	A1	19770715	FR 1976-38166	19761217
FR 2335213	B1	19800418		
JP 52089667	A2	19770727	JP 1976-151841	19761217
JP 61012900	B4	19860410		
US 4228179	A	19801014		
US 1975-2557220	A	19751219	US 1976-924277	19780713
US 1976-746776	A1	19761202		

L11 ANSWER 37 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1960:87604 CAPLUS  
DN 54:87604  
OREF 54:165531,16554  
TI Pharmacology of a series of a new central-nervous stimulants  
AU Enders, A.; Vigeliuss, W. D.; van Wessum, G. C.  
CS Codecke & Co., Memmingen, Germany  
SO Arzneimittel-Forschung (1960), 10, 243-50  
CODEN: ARZNMD; ISSN: 0004-4172  
DT Journal  
LA Unavailable

L11 ANSWER 38 OF 38 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1929:7025 CAPLUS  
DN 23:7025  
OREF 23:8181,819-a-d  
TI Substituted butyrolactams  
AU Sircar, Sarbani Sahay Guha  
SO J. Indian Chem. Soc. (1928), 5, 549-54  
DT Journal  
LA Unavailable

=> S L11 and (epidural? or intrathecal? or intra-thecal?)  
2481 EPIDURAL?  
6366 INTRATHECAL?  
48843 INTRA

1 INTRAS  
48843 INTRA  
(INTRA OR INTRAS)  
1082 THECAT?  
10 INTRA-THECAT?  
(INTRA(W)THECAT?)  
L12 2 L11 AND (EPIDURAL? OR INTRATHECAL? OR INTRA-THECAL?)

=> D L12 1-2

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:402556 CAPLUS  
DN 142:457037  
TI 2-Pyrrolidone derivatives and their use in protecting mammalian cells against oxidation stress  
IN Feuerstein, Thomas; Foerstermann, Ulrich; Li, Huijie  
PA Universitätsklinikum Freiburg, Germany; Johannes-Gutenberg-Universität Mainz  
SO Eur. Pat. Appl., 15 pp.  
CODEN: EPXXDM  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1529528	A1	20050511	EP 2003-25690	20031107
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
20031107				
PRAI EP 2003-25690				
OS MARPAT 142:457037				
RE.CNT 6				
ALL CITATIONS AVAILABLE IN THE RE FORWARD				

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:15946 CAPLUS  
DN 142:100432  
TI Process for producing injectable gabapentin compositions  
IN Hildebrand, Keith R.; Page, Linda M.; Lane, Deanna S.; Elsberry, Dennis D.; Clarrahan, David A.; Ratnayake, Jayantha H.  
PA Medtronic, Inc., USA  
SO U.S. Pat. Appl., 9 pp., Cont.-In-part of U.S. Ser. No. 611,459.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005004220	A1	20050106	US 2004-808113	20040324
US 2004062819	A1	20040401	US 2003-611459	20030701
US 2005090548	A1	20050428	US 2004-807827	20040324
US 2005090549	A1	20050428	US 2004-807828	20040324
WO 2005041947	A1	20050512	WO 2004-US34676	20041021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BE, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SI, SK, SL, SN, SV, TJ, TM, TN, TR, TT, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, BW, GM, GU, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CZ, CY, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, IL, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, GQ, GM, ML, MR, NE, SN, TD, TG				
WO 2005041977	A2	20050512	WO 2004-US34690	20041021

MO 2005041977 A3 20050623  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GN, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
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 RM: BM, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 ST, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 NO 2005042072 A1 20050512 MO 2004-US34779 20041021  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GN, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BM, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 ST, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 NO 2005044252 A1 20050519 MO 2004-US34689 20041021  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GN, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
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 ST, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 NO 2005044252 B1 20050728 MO 2004-US34689 20041021  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GN, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BM, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, GR, GU, HD, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 ST, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 PRAI US 2003-611459 A2 20030701  
 US 2003-513681P P 20031023  
 US 2003-513682P P 20031023  
 US 2002-259101 A2 20020927  
 US 2004-807827 A 20040324  
 US 2004-807828 A 20040324  
 US 2004-808054 A 20040324  
 US 2004-808113 A 20040324  
 SN, TD, TG  
 -> S L11 and (Injection or ?fusion) (P) (?spine or ?spinal or brain)  
 46856 INJECTION  
 106533 INJECTIONS  
 531969 INJECTION  
 (INJECTION OR INJECTIONS)  
 966390 ?FUSION  
 6677 ?SPINE  
 84774 ?SPINAL  
 501731 BRAIN  
 23380 BRAINS  
 504240 BRAIN  
 (BRAIN OR BRAINS)  
 58770 (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)  
 0 L11 AND (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)

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L13



FILE 'BIOSIS' ENTERED AT 09:44:39 ON 04 NOV 2005

=> S L9  
L14 11 L9

=> D L14 1-11

L14 ANSWER 1 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2004:421420 BIOSIS  
DN PREV200400421420  
TI Gabapentin-lactam, but not gabapentin, reduces protein aggregates and improves motor performance in a transgenic mouse model of Huntington's disease.  
AU Zucker, Birgit; Ludin, Dagmar E.; Gerdas, Thomas A.; Luecking, Carl H.; Landwehrmeyer, G. Bernhard; Feuerstein, Thomas J. [Reprint Author]  
CS Dept Neurol, Univ Hosp Freiburg, Breisacherstr 64, D-79106, Freiburg, Germany  
SO Feuerhül.uni-freiburg.de  
Neunyn-Schmiedeberg's Archives of Pharmacology, (August 2004) Vol. 370, No. 2, pp. 131-139. print.  
ISSN: 0028-1298 (ISSN print).  
DT Article  
LA English  
ED Entered STN: 3 Nov 2004  
Last Updated on STN: 3 Nov 2004

L14 ANSWER 2 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2004:364467 BIOSIS  
DN PREV200400364467  
TI Gabapentin-lactam induces the formation of dendritic branches in cultured hippocampal neurons.  
AU Henle, F.; Leebmans, J.; Schmid, C.; Feuerstein, T. J.; Meyer, D. K. Neunyn-Schmiedeberg's Archives of Pharmacology, (March 2004) Vol. 369, No. Suppl. 1, pp. R86. print.  
Meeting Info.: 45th Spring Meeting of the Deutsche Gesellschaft fuer Experimentelle und Klinische Pharmakologie und Toxikologie. Mainz, Germany, March 09-11, 2004. Deutsche Gesellschaft fuer Experimentelle und Klinische Pharmakologie und Toxikologie.  
ISSN: 0028-1298 (ISSN print).  
DT Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 8 Sep 2004  
Last Updated on STN: 8 Sep 2004

L14 ANSWER 3 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2004:318039 BIOSIS  
DN PREV200400318039  
TI Retinal ganglion cell survival is enhanced by gabapentin-lactam in vitro: evidence for involvement of mitochondrial KATP channels.  
AU Pielien, Amelie; Kirsch, Matthias; Hofmann, Hans-Dietter; Feuerstein, Thomas J.; Lagreze, Wolf A. [Reprint Author]  
CS Dept Neuroophthalmol, Univ Freiburg, Killianstr 5, D-79106, Freiburg, Germany  
SO mail@lagreze.de  
Graefe's Archive for Clinical and Experimental Ophthalmology, (March 2004) Vol. 242, No. 3, pp. 240-244. print.  
CODEN: GACODL. ISSN: 0721-832X.  
DT Article  
LA English  
ED Entered STN: 15 Jul 2004  
Last Updated on STN: 15 Jul 2004

L14 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2004:269672 BIOSIS  
DN PREV200400269672  
TI Determination of gabapentin-lactam in serum of patients under gabapentin therapy.  
AU Knochle, Rainer; Feuerstein, Thomas J.; Schulze-Bonhage, Andreas [Reprint Author]  
CS Epilepsiezentrum, Univ Freiburg Klinikum, Breisacher Str 64, D-79106, Freiburg, Germany  
SO schulzebonhage.wk.uni-freiburg.de  
Arzneimittel-Forschung, (2004) Vol. 54, No. 3, pp. 139-142. print.  
ISSN: 0004-4172 (ISSN print).  
DT Article  
LA English  
ED Entered STN: 26 May 2004  
Last Updated on STN: 26 May 2004

L14 ANSWER 5 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2003:301172 BIOSIS  
DN PREV200300301172  
TI 13th Meeting of the Network of European CNS Transplantation and Restoration (NECTAR), Amsterdam, Netherlands, December 12-14, 2002.  
AU Anonymous  
Cell Transplantation, (2003) Vol. 12, No. 3, pp. 305-327. print.  
Meeting Info.: 13th Meeting of the Network of European CNS Transplantation and Restoration (NECTAR). Amsterdam, Netherlands. December 12-14, 2002.  
ISSN: 0963-6897.  
DT Conference; (Meeting Summary)  
LA English  
ED Entered STN: 25 Jun 2003  
Last Updated on STN: 25 Jun 2003

L14 ANSWER 6 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2003:139640 BIOSIS  
DN PREV200300139640  
TI Process for the production of 1-(aminomethyl)-cyclohexyl-acetic acid in pure form.  
AU Peverali, Diego [Inventor, Reprint Author]; Fornaroli, Marco [Inventor]; Velardi, Francesco [Inventor]  
CS Cameri, Italy  
ASSIGNEE: Procos S.p.A., Cameri, Italy  
US 6518456 20030211  
Official Gazette of the United States Patent and Trademark Office Patents, (Feb 11 2003) Vol. 1267, No. 2. <http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).  
DT Patent  
LA English  
ED Entered STN: 12 Mar 2003  
Last Updated on STN: 9 May 2003

L14 ANSWER 7 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2002:258289 BIOSIS  
DN PREV200200258289  
TI The neuroprotective properties of gabapentin-lactam.  
AU Lagreze, Wolf A. [Reprint author]; Mueller-Velten, Rike; Feuerstein, Thomas J.  
CS Department of Ophthalmology, Albert-Ludwigs University of Freiburg, Killianstrasse 5, 79102, Freiburg, Germany  
lagreze@klinik.uni-freiburg.de  
Graefe's Archive for Clinical and Experimental Ophthalmology, (November, 2001) Vol. 239, No. 11, pp. 845-849. print.  
CODEN: GACODL. ISSN: 0721-832X.

DT Article  
 LA English  
 ED Entered STN: 24 Apr 2002  
 Last Updated on STN: 20 May 2002

L14 ANSWER 8 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2000:385795 BIOSIS  
 DN PREV200000395795  
 TI Gabapentin-lactam (8-aza-spiro[5,4]decan-9-on; GBP-L) inhibits oxygen  
 glucose deprivation-induced (3H) glutamate release and is a neuroprotective  
 agent in a model of acute retinal ischemia.  
 AU Jhele, Thomas; Lagreze, Wolf A.; Blaith, Eckard; Knoerle, Rainer;  
 Schieler, Peter; Luecking, Carl Hermann; Feuerstein, Thomas J. [Reprint  
 author]  
 CS Sektion Klinische Neuropharmakologie der Neurologischen  
 Universitätsklinik, Neurozentrum, Breitsacher Strasse 64, D-79106,  
 Freiburg, Germany  
 SO Naunyn-Schmiedeberg's Archives of Pharmacology, (July, 2000) Vol. 362, No.  
 1, pp. 74-81. print.  
 CODEN: NSAPPC. ISSN: 0028-1298.

DT Article  
 LA English  
 ED Entered STN: 13 Sep 2000  
 Last Updated on STN: 8 Jan 2002

L14 ANSWER 9 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2000:248855 BIOSIS  
 DN PREV200000248855  
 TI Gabapentin-lactam: A novel neuroprotective agent.  
 AU Lagreze, W. A. [Reprint author]; Mueller-Velten, R. [Reprint author];  
 Feuerstein, T. J.  
 CS Universitäts-Augenklinik, 79106, Freiburg, Germany  
 SO IOVS, (March 15, 2000) Vol. 41, No. 4, pp. S535. print.  
 Meeting Info: Annual Meeting of the Association for Research in Vision and  
 Ophthalmology, Fort Lauderdale, Florida, USA, April 30-May 05, 2000.  
 DT Association for Research in Vision and Ophthalmology.  
 LA English  
 ED Entered STN: 14 Jun 2000  
 Last Updated on STN: 5 Jan 2002

L14 ANSWER 10 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN  
 AN 2000:236065 BIOSIS  
 DN PREV200000236065  
 TI Neuroprotection with Gabapentin-lactam in retinal ischemia: Dose-effect  
 relationship in postischemic treatment.  
 AU Mueller-Velten, R. [Reprint author]; Lagreze, W. [Reprint author];  
 Feuerstein, T.  
 CS University Eye Hospital Freiburg, 79106, Freiburg, Germany  
 SO IOVS, (March 15, 2000) Vol. 41, No. 4, pp. S14. print.  
 Meeting Info: Annual Meeting of the Association for Research in Vision  
 and Ophthalmology, Fort Lauderdale, Florida, USA, April 30-May 05, 2000.  
 DT Association for Research in Vision and Ophthalmology.  
 LA English  
 ED Entered STN: 7 Jun 2000  
 Last Updated on STN: 5 Jan 2002

L14 ANSWER 11 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN

AN 2000:100743 BIOSIS  
 DN PREV200000100743  
 TI Gabapentin-lactam, a close analogue of the anticonvulsant gabapentin,  
 exerts convulsant activity in amygdala kindled rats.  
 AU Patschka, Heidrun; Feuerstein, Thomas J.; Loeschner, Wolfgang [Reprint  
 author]  
 CS Department of Pharmacology, Toxicology and Pharmacy, School of Veterinary  
 Medicine, Bunteweg 11, D-30559, Hannover, Germany  
 SO Naunyn-Schmiedeberg's Archives of Pharmacology, (Feb., 2000) Vol. 361, No.  
 2, pp. 200-205. print.  
 CODEN: NSAPPC. ISSN: 0028-1298.

DT Article  
 LA English  
 ED Entered STN: 15 Mar 2000  
 Last Updated on STN: 3 Jan 2002

=> D HIS  
 (FILE 'HOME' ENTERED AT 09:13:50 ON 04 NOV 2005)

L1 FILE 'REGISTRY' ENTERED AT 09:14:00 ON 04 NOV 2005  
 L2 1 S GABAPENTIN/CN  
 L3 0 S LACTAM/CN

FILE 'STINGUIDE' ENTERED AT 09:15:43 ON 04 NOV 2005

L4 FILE 'REGISTRY' ENTERED AT 09:24:42 ON 04 NOV 2005  
 L5 STRUCTURE UPLOADED  
 L6 7 S L4 SSS SAM  
 L7 131 S L4 SSS FUL  
 L8 0 S L6 AND (EPIDURAL? OR INTRATHECAL? OR INTRA-THECAL?)  
 L9 0 S L6 AND (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)

FILE 'REGISTRY' ENTERED AT 09:36:18 ON 04 NOV 2005  
 L9 1 S GABAPENTIN-LACTAM/CN

FILE 'REGISTRY' ENTERED AT 09:37:09 ON 04 NOV 2005  
 L10 1 S 64744-50-9/RN  
 SET NOTICE 1 DISPLAY  
 SET NOTICE LOGIN DISPLAY  
 SET NOTICE 1 DISPLAY  
 SET NOTICE LOGIN DISPLAY

FILE 'STINGUIDE' ENTERED AT 09:39:27 ON 04 NOV 2005  
 L11 FILE 'CAPLUS' ENTERED AT 09:39:39 ON 04 NOV 2005  
 L12 38 S L9  
 L13 2 S L11 AND (EPIDURAL? OR INTRATHECAL? OR INTRA-THECAL?)  
 L14 0 S L11 AND (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)

FILE 'STINGUIDE' ENTERED AT 09:44:29 ON 04 NOV 2005  
 L14 FILE 'BIOSIS' ENTERED AT 09:44:39 ON 04 NOV 2005  
 L15 11 S L9

=> S L14 and (epidural?) or intrathecal? or intra-thecal?)  
 15077 EPIDURAL?  
 10979 INTRATHECAL?  
 14605 INTRA  
 2369 THECAL?  
 617 INTRA-THECAL?  
 (INTRA(M)THECAL?)

L15 0 L14 AND (EPIDURAL? OR INTRATHECAL? OR INTRA-THCAL?)

=> S L14 AND ((INJECTION OR ?fusion) (P) (?spine OR ?spinal OR brain))

242949 INJECTION

72886 INJECTIONS

288684 INJECTION

(INJECTION OR INJECTIONS)

480879 ?FUSION

34463 ?SPINE

170813 ?SPINAL

480689 BRAIN

28225 BRAINS

488332 BRAIN

(BRAIN OR BRAINS)

65111 (INJECTION OR ?FUSION) (P) (?SPINE OR ?SPINAL OR BRAIN)

0 L14 AND ((INJECTION OR ?fusion) (P) (?SPINE OR ?SPINAL OR BRAIN))

L16

=>

=> File Biosis  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.06	581.62

FILE 'BIOSIS' ENTERED AT 09:58:51 ON 04 NOV 2005  
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FILE COVERS 1969 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 3 November 2005 (20051103/ED)

FILE RELOADED: 19 October 2003.

=> S 2002:258289/AN  
L17 1 2002:258289/AN  
(2002:258289/AN)

=> D L17 1

L17 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STM  
AN 2002:258289 BIOSIS  
DN PREV200200258289  
TI The neuroprotective properties of gabapentin-lactam.  
AU Lagreze, Wolf A. [Reprint author]; Mueller-Velten, Rike; Feuerstein, Thomas J.  
CS Department of Ophthalmology, Albert-Ludwigs University of Freiburg, Killianstrasse 5, 79102, Freiburg, Germany  
SO Lagreze's Archive for Clinical and Experimental Ophthalmology, (November, 2001) Vol. 239, No. 11, pp. 845-849, print.  
CODEN: GACODL. ISSN: 0721-832X.  
DT Article  
LA English  
ED Entered STN: 24 Apr 2002  
Last Updated on STN: 20 May 2002

=> FIL STINGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
2.55	584.17

FILE 'STINGUIDE' ENTERED AT 09:59:25 ON 04 NOV 2005  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Oct 28, 2005 (20051028/UP).

=> S 2000:248855/AN  
NUMERIC VALUE NOT VALID '2000:248855'

=> File Biosis  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.30	584.47

FILE 'BIOSIS' ENTERED AT 10:02:30 ON 04 NOV 2005  
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CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 3 November 2005 (20051103/ED)

FILE RELOADED: 19 October 2003.

=> S 2000:248855/AN  
L18 1 2000:248855/AN  
(2000:248855/AN)

=> D L18 1

L18 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STM  
AN 2000:248855 BIOSIS  
DN PREV200000248855  
TI Gabapentin-lactam: A novel neuroprotective agent.  
AU Lagreze, W. A. [Reprint author]; Mueller-Velten, R. [Reprint author]; Feuerstein, T. J.  
CS Universitaets-Augenklinik, 79106, Freiburg, Germany  
SO IOVS. (March 15, 2000) Vol. 41, No. 4, pp. S535, print.  
Meeting Info.: Annual Meeting of the Association in Vision and Ophthalmology, Fort Lauderdale, Florida, USA, April 30-May 03, 2000.  
Association for Research in Vision and Ophthalmology.  
DT Conference; (Meeting)  
LA English  
ED Entered STN: 14 Jun 2000  
Last Updated on STN: 5 Jan 2002

=> FIL STINGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
2.55	587.02

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Oct 28, 2005 (20051028/UP).

=> File Biosis  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.06	587.08

FILE 'BIOSIS' ENTERED AT 10:03:29 ON 04 NOV 2005  
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CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 3 November 2005 (20051103/ED)

FILE RELOADED: 19 October 2003.

=> S 2000:100743/AN  
L19 1 2000:100743/AN  
(2000:100743/AN)

=> D L19 1

L19 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2000:100743 BIOSIS  
DN PREV200000100743  
TI Gabapentin-lactam, a close analogue of the anticonvulsant gabapentin,  
exerts convulsant activity in amygdala kindled rats.  
AU Potchenka, Heidrun; Feuerstein, Thomas J.; Loeschner, Wolfgang [Reprint  
author]  
CS Department of Pharmacology, Toxicology and Pharmacy, School of Veterinary  
Medicine, Bienenweg 17, D-30559, Hannover, Germany  
SO Naunyn-Schmiedeberg's Archives of Pharmacology, (Feb., 2000) Vol. 361, No.  
2, pp. 200-205. Print.  
CODEN: NSAPPC. ISSN: 0028-1298.  
DT Article  
LA English  
ED Entered STN: 15 Mar 2000  
Last Updated on STN: 3 Jan 2002

=> FIL STINGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
2.55	589.63

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LAST RELOADED: Oct 28, 2005 (20051028/UP).

=> File Caplus  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.18	589.81

FILE 'CAPLUS' ENTERED AT 10:05:21 ON 04 NOV 2005  
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FILE COVERS 1907 - 4 Nov 2005 VOL 143 ISS 20  
FILE LAST UPDATED: 3 Nov 2005 (20051103/ED)

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=> S 1960:87604/AN

L20 1 1960:87604/AN

=> D L20 1

L20 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1960:87604 CAPLUS  
DN 34:87604  
ORF 34:166531,16654a  
TI Pharmacology of a series of a new central-nervous stimulants  
AU Erders, A.; Vigeliuss, W. D.; van Meesem, G. C.  
CS Godecke & Co., Memmingen, Germany  
SO Arzneimittel-Forschung (1960) 10, 243-50  
CODEN: ARZNDP. ISSN: 0004-4172  
DT Journal  
LA Unavailable

=> FIL STINGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
3.44	593.25

FILE 'STINGUIDE' ENTERED AT 10:05:48 ON 04 NOV 2005  
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=> File STINGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.12	593.37

FILE 'STINGUIDE' ENTERED AT 10:07:06 ON 04 NOV 2005  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Oct 28, 2005 (20051028/UP).

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